

We claim:

1. An assembly for treating a tissue region comprising

a catheter tube having a distal end,

an expandable structure projecting beyond the distal  
5 end of the catheter tube and including a far end; and

a distal tail projecting beyond the far end of the basket assembly, the distal tail including a guidewire lumen that accommodates passage of a guidewire without threading the guidewire through the catheter tube.

2. An assembly according to claim 1

wherein the expandable structure comprises at least one spine; and

wherein the one spine includes a spine lumen that  
5 communicates with the guidewire lumen, and an opening in the spine for threading the guidewire through the spine lumen and guidewire lumen.

3. An assembly according to claim 2

wherein the one spine carries an electrode.

4. An assembly according to claim 1

wherein the distal tail includes a side opening communicating with the guidewire lumen for threading the guidewire through the guidewire lumen.

5. An assembly according to claim 1

wherein the expandable structure comprises an array of first and second spines forming a basket assembly carried by the distal end of the catheter tube and an inflatable member positioned in an interior of the basket  
5 assembly, the inflatable member having an inflated condition that expands the basket assembly; and

wherein at least one of the spines includes a spine lumen that communicates with the guidewire lumen, and an  
10 opening in the spine for threading the guidewire through the spine lumen and guidewire lumen outside the inflatable member.

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6. An assembly according to claim 5  
wherein at least one of the spines carries an  
electrode.

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